

DECLARATION FOR PATENT APPLICATION

(99S0858)



As a below named inventor, I declare that my residence, post office address and citizenship are as stated below above my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ENCRYPTION APPARATUS, CRYPTOGRAPHIC COMMUNICATION
SYSTEM, KEY RECOVERY SYSTEM, AND STORAGE MEDIUM**

the specification of which (check applicable box(es)).

[] is attached hereto.

[X] was filed on **November 24, 1999** as United States Application No. or PCT International Application No. **09/448,470**

[] and was amended on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 35 U.S.C. 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Japanese Patent Application No. 10-334485, filed November 25, 1998 Priority Claimed

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) or 35 U.S.C. 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application.

I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Douglas B. Henderson (Reg. No. 20,291), Ford F. Farabow, Jr. (Reg. No. 20,630), Arthur S. Garrett (Reg. No. 20,338), Donald R. Dunner (Reg. No. 19,073), Brian G. Brunsbold (Reg. No. 22,593), Tipton D. Jennings, IV (Reg. No. 20,645), Jerry D. Voight (Reg. No. 23,020), Laurence R. Hefter (Reg. No. 20,827), Kenneth E. Payne (Reg. No. 23,098), Herbert H. Mintz (Reg. No. 26,691), C. Larry O'Rourke (Reg. No. 26,014), Albert J. Santorelli (Reg. No. 22,610), Michael C. Elmer (Reg. No. 25,857), Richard H. Smith (Reg. No. 20,609), Stephen L. Peterson (Reg. No. 26,325), John M. Romary (Reg. No. 26,331), Bruce C. Zotter (Reg. No. 27,680), Dennis P. O'Reiley (Reg. No. 27,932), Allen M. Sokal (Reg. No. 26,695), Robert D. Bajefsky (Reg. No. 25,387), Richard L. Stroup (Reg. No. 28,478), David W. Hill (Reg. No. 28,220), Thomas L. Irving (Reg. No. 28,619), Charles E. Lipsey (Reg. No. 28,165), Thomas W. Winland (Reg. No. 27,605), Basil J. Lewis (Reg. No. 28,818), Martin I. Fuchs (Reg. No. 28,508), E. Robert Yoches (Reg. No. 30,120), Barry W. Graham (Reg. No. 29,924), Susan Haberma Griffen (Reg. No. 30,907), Richard B. Racine (Reg. No. 30,415), Thomas H. Jenkins (Reg. No. 30,857), Robert E. Converse, Jr. (Reg. No. 27,432), Clair X. Mullen, Jr. (Reg. No. 20,348), Christopher P. Foley (Reg. No. 31,354), John C. Paul (Reg. No. 30,413), David M. Kelly (Reg. No. 30,953), Kenneth J. Meyers (Reg. No. 25,146), Carol P. Einaudi (Reg. No. 32,220), Walter Y. Boyd, Jr. (Reg. No. 31,738), Steven M. Anzalone (Reg. No. 32,095), Jean B. Fordis (Reg. No. 32,984), Barbara C. McCurdy (Reg. No. 32,120), James K. Hammond (Reg. No. 31,964), Richard V. Burgujian (Reg. No. 31,744), J. Michael Jakes (Reg. No. 32,824), Thomas W. Banks (Reg. No. 32,719), M. Paul Barker (Reg. No. 32,013), Bryan C. Diner (Reg. No. 32,409), Christopher P. Isaac (Reg. No. 32,616), Andrew Chanho Sonu (Reg. No. 33,457), Dirk D. Thomas (Reg. No. 32,600), David S. Forman (Reg. No. 33,694), Vincent P. Kovalick (Reg. No. 32,867), James W. Edmondson (Reg. No. 33,871), Michael R. McGurk (Reg. No. 32,045), Joann M. Neth (Reg. No. 36,363), Gerson S. Panitch (Reg. No. 33,751), Cheri M. Taylor (Reg. No. 33,216) and Charles E. Van Horn (Reg. No. 40,266), each of whose address is 1300 I Street, N.W., Washington, D.C. 20005-3315, or any one of them, and request that correspondence be directed to Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, D.C. 20005-3315.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

[1st Inventor]

Residence Address: Yokohama-shi, Japan

Post Office Address: c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Country of Citizenship: Japan

Date: November 25, 1999

Akito Niwa
Akito Niwa

[2nd Inventor]

Residence Address: Kodaira-shi, Japan

Post Office Address: c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Country of Citizenship: Japan

Date: November 26, 1999

Shinichi Kawamura
Shinichi Kawamura

[3rd Inventor]

Residence Address: Inagi-shi, Japan

Post Office Address: c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Country of Citizenship: Japan

Date: November 26, 1999

Megumi Aoki
Megumi Aoki

[4th Inventor]

Residence Address: Tokyo, Japan

Post Office Address: c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Country of Citizenship: Japan

Date: November 29, 1999

Toshiaki Saisho
Toshiaki Saisho

[5th Inventor]

Residence Address: Yokohama-shi, Japan

Post Office Address: c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Country of Citizenship: Japan

Date: November 26, 1999

Tatsuya Ishihara
Tatsuya Ishihara

[6th Inventor]

Residence Address: Fuchu-shi, Japan

Post Office Address: c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Country of Citizenship: Japan

Date: November 25, 1999

Fumihiko Sano
Fumihiko Sano

[7th Inventor]

Residence Address: Yokohama-shi, Japan

Post Office Address: c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Country of Citizenship: Japan

Date: December 14, 1999

Satomi Hori
Satomi Hori